

# Connecticut

## Science and Engineering Profile

	STATE	U.S.	Rank		STATE	U.S.	Rank
Doctoral scientists, 1995	7,643	453,928	20	Total R&D performance, 1995 (millions)	\$4,311	\$177,210	13
Doctoral engineers, 1995	1,151	86,738	24	Industry R&D, 1995 (millions)	\$3,906	\$130,332	12
S&E doctorates awarded, 1996	391	27,230	23	Academic R&D, 1996 (millions)	\$388	\$22,481	20
of which, in life sciences	31%	25%		of which, in life sciences	72%	56%	
in social sciences	20%	15%		in engineering	11%	16%	
in engineering	14%	23%		in physical sciences	6%	10%	
S&E postdoctorates, 1996	1,063	37,019	11	Higher education current-fund expenditures, 1995 (millions)	\$2,743	\$182,602	23
in doctorate-granting institutions							
S&E graduate students, 1996	4,846	430,631	28	Number of SBIR awards, 1990-1997	969	31,155	10
in doctorate-granting institutions				Patents issued to state residents, 1997	1,403	61,699	12
Population, 1997 (000s)	3,270	271,464	29	Gross state product, 1996 (billions)	\$124.0	\$7,677.4	21
Civilian labor force, 1997 (000s)	1,723	137,564	28	of which, agriculture	1%	2%	
Personal income per capita, 1997	\$36,263	\$25,598	1	manufacturing, mining, construction	20%	23%	
Federal spending				transportation, communication, utilities	6%	8%	
Total expenditures, 1997 (millions)	\$17,864	\$1,405,060	28	wholesale and retail trade	14%	16%	
R&D obligations, 1996 (millions)	\$799	\$66,087	20	finance, insurance, real estate	28%	19%	
				services	22%	20%	
				government	9%	12%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

## Federal Obligations for Research and Development by Agency and Performer: Fiscal Year 1996

[Thousands of Dollars]

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & Colleges	Other nonprofits	State & local government	State rank
<b>Total, all agencies</b>	799,412	26,572	0	514,502	242,412	10,486	5,440	20
<b>Department of Agriculture</b>	5,721	2,096	0	0	2,740	0	885	44
<b>Department of Commerce</b>	20,459	265	0	17,656	2,281	204	53	11
<b>Department of Defense</b>	408,647	13,992	0	384,112	10,543	0	0	20
<b>Department of Energy</b>	58,377	0	0	48,075	10,302	0	0	16
<b>Dept. of Health &amp; Human Services</b>	214,966	19	0	5,913	196,730	9,067	3,237	14
<b>Department of Interior</b>	1,351	1,280	0	0	71	0	0	50
<b>Department of Transportation</b>	13,570	8,920	0	3,536	0	0	1,114	9
<b>Environmental Protection Agency</b>	619	0	0	308	246	0	65	35
<b>Nat'l Aeronautics &amp; Space Admin.</b>	55,231	0	0	53,336	1,356	539	0	16
<b>National Science Foundation</b>	20,471	0	0	1,566	18,143	676	86	25
<b>State rank</b>	20	41	na	15	15	27	4	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable